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021904  
16562 U.S.PTO

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	S0465/283640
First Inventor	ENDRES
Title	JOINT, ADAPTIVE CONTROL OF EQUALIZATION, SYNCHRONIZATION, AND GAIN IN A DIGITAL COMMUNICATIONS RECEIVER
Express Mail Label No.	EV333523913US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages **47**]  
(preferred arrangement set forth below)  
 - Descriptive title of the Invention  
 - Cross Reference to Related Applications  
 - Statement Regarding Fed sponsored R & D  
 - Reference to sequence listing, a table, or a computer program listing appendix  
 - Background of the Invention  
 - Brief Summary of the Invention  
 - Brief Description of the Drawings (if filed)  
 - Detailed Description  
 - Claim(s)  
 - Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [Total Sheets **13**]

5. Oath or Declaration [Total Sheets **3**]  
 a.  Newly Unexecuted (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
     (for a continuation/divisional with Box 18 completed)  
 i.  **DELETION OF INVENTOR(S)**  
     Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a.  Computer Readable Form (CRF)  
 b. Specification Sequence Listing on:  
 i.  CD-ROM or CD-R (2 copies); or  
 ii.  Paper  
 c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9.  Assignment Papers (cover sheet & document(s))

10.  37 C.F.R. 3.73(b) Statement  Power of Attorney (when there is an assignee)

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS** Customer Number**23370**OR  Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	JAMES L. EWING, IV	Registration No. (Attorney/Agent)	<b>30,630</b>
Signature	February 19, 2004		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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16562 U.S. PTO

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

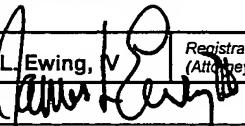
 Applicant claims small entity status. See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\\$)</b>	<b>394.00</b>
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Complete If Known	
Application Number	NEW
Filing Date	FEBRUARY 19, 2004
First Named Inventor	ENDRES
Examiner Name	
Art Unit	
Attorney Docket No.	S0465/283640

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)			
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account:				<b>3. ADDITIONAL FEES</b>			
Deposit Account Number		11-0855		Fee Code	Fee (\$)	Fee Code	Fee (\$)
Deposit Account Name		Kilpatrick Stockton LLP		1051	130	2051	65
Surcharge - late filing fee or oath							
				1052	50	2052	25
Surcharge - late provisional filing fee or cover sheet.							
				1053	130	1053	130
Non-English specification							
				1812	2,520	1812	2,520
For filing a request for reexamination							
				1804	920*	1804	920*
Requesting publication of SIR prior to Examiner action							
				1805	1,840*	1805	1,840*
Requesting publication of SIR after Examiner action							
				1251	110	2251	55
Extension for reply within first month							
				1252	420	2252	210
Extension for reply within second month							
				1253	950	2253	475
Extension for reply within third month							
				1254	1,480	2254	740
Extension for reply within fourth month							
				1255	2,010	2255	1,005
Extension for reply within fifth month							
				1401	330	2401	165
Notice of Appeal							
				1402	330	2402	165
Filing a brief in support of an appeal							
				1403	290	2403	145
Request for oral hearing							
				1451	1,510	1451	1,510
Petition to institute a public use proceeding							
				1452	110	2452	55
Petition to revive – unavoidable							
				1453	1,330	2453	665
Petition to revive – unintentional							
				1501	1,330	2501	665
Utility issue fee (or reissue)							
				1502	480	2502	240
Design issue fee							
				1503	640	2503	320
Plant issue fee							
				1460	130	1460	130
Petitions to the Commissioner							
				1807	50	1807	50
Processing fee under 37 CFR 1.17 (q)							
				1806	180	1806	180
Submission of Information Disclosure Stmt							
				8021	40	8021	40
Recording each patent assignment per property (times number of properties)							
				1809	770	2809	385
Filing a submission after final rejection (37 CFR § 1.129(a))							
				1810	770	2810	385
For each additional invention to be examined (37 CFR § 1.129(b))							
				1801	770	2801	385
Request for Continued Examination (RCE)							
				1802	900	1802	900
Request for expedited examination of a design application							
Other fee (specify) _____							
SUBTOTAL (1) (\$ 385.00)				SUBTOTAL (3) (\$)			
*Reduced by Basic Filing Fee Paid							

\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	James L. Ewing, IV	Registration No. (Attorney/Agent)	30,630	Telephone	404.815.6494
Signature				Date	February 19, 2004

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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